

IN THE CLAIMS:

Please cancel Claims 4, 9, and 18, without prejudice or disclaimer of the subject matter presented therein.

Please amend Claims 1, 7, 8, 12, 13, 15, and 21 to read as follows. A marked-up copy of the amended claims, showing the changes made thereto, is attached.

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1. (Twice Amended) A data communication apparatus with a function of performing data communication between a first equipment that performs wireless data transmission and reception according to a first protocol and a second equipment that performs data transmission and reception through a bus according to a second protocol, said apparatus comprising:

B1 a conversion unit adapted to perform a format conversion between data according to the first protocol and data according to the second protocol,

wherein said conversion unit performs the format conversion without generating a command for controlling the first equipment and the second equipment, and

wherein said conversion unit converts at least any of a recording format and a compression format.

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7. (Twice Amended) A data communication system comprising:

B2 a first equipment adapted to perform wireless data transmission and reception according to a first protocol;

a second equipment adapted to perform data transmission and reception through a bus according to a second protocol; and

a data communication apparatus adapted to perform data communication between said first equipment and said second equipment, wherein

said data communication apparatus comprises a conversion unit adapted to perform a format conversion between data according to the first protocol and data according to the second protocol,

the conversion unit performs the format conversion without generating a command for controlling the first equipment and the second equipment, and

the conversion unit converts at least any of a recording format and a compression format.

8. (Twice Amended) A data communication system comprising:

a first equipment adapted to wirelessly transmit data;

a home station adapted to receive the data wirelessly transmitted from said first equipment; and

a second equipment connected to said home station through a home bus,

wherein

said home station performs a format conversion of the data wirelessly transmitted from said first equipment, so as to adapt the received data for the home bus, and then said home station transmits the converted data to said second equipment through the home bus,

B2  
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said home station performs the format conversion without generating a command for controlling said first equipment and said second equipment, and each of said first and second equipment performs at least any of an image pickup function, a video recording function, a video reproduction function, and a video display function.

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B3

12. (Twice Amended) A data communication system comprising:  
a first equipment adapted to perform wireless data transmission and reception;  
a second equipment adapted to perform data transmission and reception through a home bus; and  
a home station adapted to perform wireless data transmission and reception with said first equipment and to perform data transmission and reception with said second equipment through the home bus, wherein  
said home station performs a format conversion between data wirelessly transmitted and received by said first equipment and data transmitted and received by said second equipment through the home bus,  
said home station performs the format conversion without generating a command for controlling said first equipment and said second equipment, and  
said home station converts at least any of a recording format and a compression format.

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13. (Twice Amended) A data communication system comprising:

a wireless telephone equipment;

a home station adapted to perform transmission and reception of wireless data with said wireless telephone equipment; and

a controlled equipment connected to said home station through a home bus and controlled according to equipment control data on the home bus, wherein

said home station performs a format conversion between equipment control data included in the wireless data and the equipment control data on the home bus, and

said home station performs the format conversion without generating a command for controlling said wireless telephone equipment and said controlled equipment, and

said home station converts at least any of a recording format and a compression format.

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B4

15. (Twice Amended) A data communication method for performing data communication between a first equipment that performs wireless data transmission and reception according to a first protocol and a second equipment that performs data transmission and reception through a bus according to a second protocol, said method comprising:

a processing step of performing a format conversion between data according to the first protocol and data according to the second protocol,

wherein said processing step performs the format conversion without generating a command for controlling the first equipment and the second equipment, and